



Tape included

Energy efficiency for constructions... Always working hand in hand with the environment...

Technical Data Sheet

Version 3.0
Valid up to August 2012

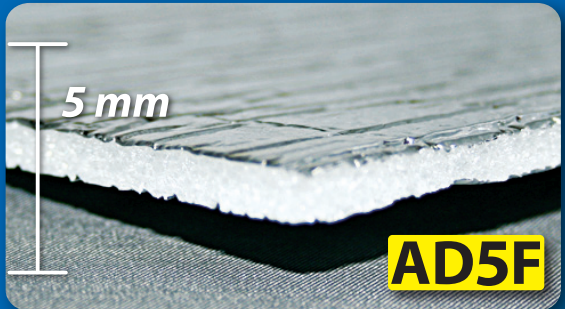
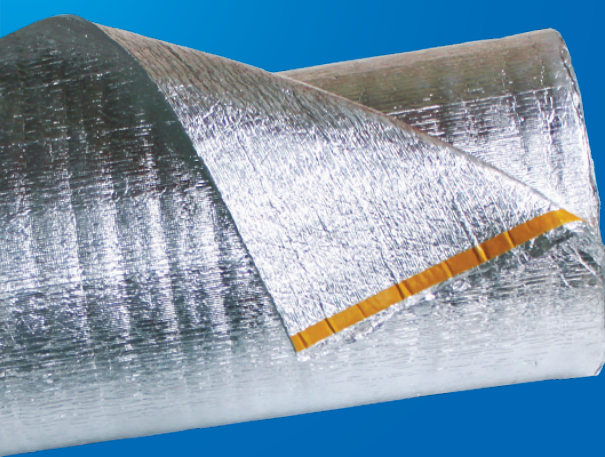
Prodex® AD5F

REFLECTIVE THERMAL INSULATION PRODEX®
ADF= ALUMINUM + ALUMINUM
+ FAST ACTION (Tape included)

5 mm (1/4 inch) closed cell polyethylene foam sandwiched between pure aluminum on both sides. TAPE INCLUDED.



Reflective thermal insulation developed according to the highest standards of quality, designed to save energy eliminating the radiant heat emitted by roofs, floors, and walls within the constructions. Besides, it protects your home, business or project providing COMFORT at any time of year.



FAST ACTION

Double sided self-adhesive tape for side overlaps, which helps to decrease installation times and to save money on manpower.

TECHNICAL SPECIFICATIONS – PRODEX THERMIC / AD5F FAST ACTION

AD5 F INSULATION (ALUMINIUM FOIL ON BOTH SIDES) FAST ACCTION		
MEASURES AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.19 ± 0.0137 (in)	LENGTH: ± 11 in	WIDTH: 4 ± 0.032 (ft)
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	Closed	-
EFFECTIVE WIDTH	3.83 ft	-
AVERAGE WEIGHT OF ft²	0.512lb/ft²	-
WATER RESISTANCE	Waterproof	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.05 perms (gr/ft²*h*in.hg)	ASTM E 96/IRAM 1735
FLAME INDEX	0	ASTM E-84-99
SMOKE DEVELOPMENT	15	ASTM E-84-99
EMITANCE	0,03	ASTM C-1371-98
FUNGI RESISTANCES	No growth	ASTM C 1338
CORROSIVENESS	Pass	ASTM C-1224
PLIABILITY	No cracking	ASTM C-1224
BLEEDING AND DELAMINATION	No bleeding no delamination	ASTM C-1224
HUMIDITY RESISTANCE	Pass	ASTM C-1258
OPERATING TEMPERATURE	-4 °f / 176 °f	ASTM C-1224
R VALUE (Heat Flow Down)	* A: 15.67; *B : 21.12 (ft²·h·°F/Btu)	ASTM STP1116
OUTER LAYER ADHESION (fast action)	2.93-2.88 lb/in	ASTM D-1000
FAST ACCTION TOTAL THICKNESS	0.003 in	ASTM D-1000
ADHESION CAPACITY (fast action)	>24 hr/in²	PSTC-7
INITIAL ADHESION LENGTH (fast action)	0.6 in	PSTC-6

R VALUE: Thermal Resistance
(R Value- Heat Flow Down):
15.67 (ft²· h·°F/BTU)

R VALUE: Thermal Resistance
(R Value- Heat Flow Down):
21.10 (ft²· h·°F/BTU)

It is recommended a distance of 1.20 meters to 2.20 meters between supports.

Do not install at soffits when the insulation can be permanently exposed to UV radiation.

